

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/843,649

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): An image processing device, comprised of a first storage device[,] which stores n-bit image data,
an image data converter[,] which converts said n-bit image data into m-bit (where n < m) image data, and
a second storage device[,] which stores said m-bit image data resulting from data conversion,

a transfer controller which controls data transfer,
wherein said image processing device being characterized in that said first storage device stores m-bit color pallet data corresponding to said n-bit image data and said image data, said transfer controller transfers both of said n-bit image data and said m-bit color pallet data corresponding to said n-bit image data to said image data converter, and said image data converter converts said n-bit image data into m-bit image data by collation of said n-bit image data with said m-bit color pallet data and then transfers said m-bit image data to said second storage device.

2. (currently amended): An image processing device as claimed in Claim 1,
~~comprised of a first storage device, which stores n-bit image data,~~

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— ~~an image data converter, which converts said n-bit image data into m-bit (where n < m) image data,~~

— ~~a second storage device, which stores said m-bit image data resulting from data conversion, and further comprising:~~

 a display device, which displays, as image information, said m-bit image data read out from said second storage device,

~~said image processing device being characterized in that wherein~~ said image data converter converts said n-bit image data, stored in said first storage device, into m-bit image data for each pixel that comprises said image information that is to be displayed on said display device and then transfers said m-bit image data to said second storage device.

3. (currently amended): An image processing device as set forth in Claim 1, wherein said image data converter successively acquires said n-bit image data for single image information that have been transferred from said first storage device and the m-bit (where $n < m$) color pallet data corresponding to the image data and acquires said color pallet data for each pixel that ~~comprises~~forms said single image information and then transfers converted m-bit imaged data to said second storage device.

4. (canceled).

5. (currently amended): An image data conversion method, with which n-bit image data[,] stored in a first storage device[,] and m-bit (where $n < m$) color pallet data, which

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correspond to the image data and are stored in the first storage device, are used to perform

~~conversion, said image data conversion method being characterized in that comprising:~~

~~the acquiring said n-bit image data and the said m-bit color pallet data are acquired from
said first storage device,~~

transferring both of said n-bit image data and m-bit color pallet data corresponding to
said n-bit image data, and

~~converting said the n-bit image data are converted to m-bit image data by collation of the
acquired said n-bit image data with said m-bit color pallet data which have been transferred.~~